

CLAIMS:

CLAIM #1

I claim:

a method of moving an earthworking tool about a surface in situ comprising the steps of,
providing a motive source,
providing a tool carrier assembly,
providing a means of attaching said earthworking tool to said tool carrier assembly,
providing a means of pivotably attaching said tool carrier assembly to said motive source,
thereby allowing said tool carrier assembly to rotate controllably about a somewhat
vertical axis, said somewhat vertical axis being somewhat perpendicular to said surface
in situ,
engaging said earthworking tool with said surface in situ,
moving said tool carrier assembly in any direction on said surface in situ,
changing the direction of movement of said tool carrier assembly to any other direction on said
surface in situ without disengaging said earthworking tool from said surface in situ,
whereby said tool carrier assembly is controllably rotated about said somewhat horizontal axis,
on said surface in situ, as said tool carrier assembly is moved about said surface in situ
without disengaging said earthworking tool from said surface in situ.

CLAIM #2

I claim:

the method of claim #1 wherein, said motive source further includes;

providing a lift arm assembly on said motive source,
providing a means of pivotably attaching said lift arm assembly to said motive source,
providing a means of selectively applying upward or downward force on said lift arm assembly,
providing a means of pivotably attaching said lift arm assembly, to said means of pivotably
attaching said tool carrier assembly to said motive source,

CLAIM # 3

I claim:

the method of claim # 1 wherein said tool carrier assembly includes a depth guide.

CLAIM # 4

I claim:

the method of claim # 3 wherein; said depth guide includes, a ground contact surface,
and a means by which said ground contact surface is rotateable about a somewhat
horizontal axis.

CLAIM # 5

I claim:

the method of claim # 4 further including; a plurality of said depth guide.

CLAIM # 6

I claim:

the method of claim # 2 wherein said tool carrier assembly includes a depth guide.

CLAIM # 7

I claim:

**the method of claim # 6 wherein said depth guide further includes a ground contact surface, and
a means by which said ground contact surface is rotateable about a somewhat horizontal
axis.**

CLAIM # 8

I claim:

a method of working a surface in situ comprising the steps;
providing a motive source,
providing a tool carrier assembly,
providing a means of attaching an earthworking tool to said tool carrier assembly,
providing a means of pivotably attaching said tool carrier assembly to said motive source,
thereby allowing said tool carrier assembly to rotate controllably about a somewhat
vertical axis, said somewhat vertical axis being somewhat perpendicular to said surface
in situ,
engaging said earthworking tool with said surface in situ,
moving said tool carrier assembly in any direction on said surface in situ,
changing the direction of movement of said tool carrier assembly to any other direction on said
surface in situ without disengaging said earthworking tool from said surface in situ,
whereby said tool carrier assembly is controllably rotated about said somewhat vertical axis on
said surface in situ, as said tool carrier assembly is moved about in any direction on said
surface in situ without disengaging said earthworking tool from said surface in situ, and
whereby said surface in situ is worked to the desired shape or texture.

CLAIM # 9

I claim:

the method of claim # 8 wherein, said motive source further includes;

providing a lift arm assembly on said motive source,

providing a means of pivotably attaching said lift arm assembly to said motive source,

providing a means of selectively applying upward or downward force on said lift arm assembly,

**Providing a means of pivotably attaching said lift arm assembly, to said means of pivotably
attaching said tool carrier assembly to said motive source,**

CLAIM # 10

I claim:

**the method of claim # 8 wherein said tool carrier assembly includes a depth guide, and a means
for attaching said depth guide to said tool carrier assembly.**

CLAIM # 11

I claim:

**the method of claim # 10 wherein, said depth guide further includes a ground contact surface,
and a means by which said ground contact surface is rotateable about a somewhat
horizontal axis.**

CLAIM # 12

I claim:

The method of claim # 11 further including a plurality of said depth guide.

CLAIM # 13

I claim:

the method of claim # 9 wherein said tool carrier assembly includes a depth guide, and a means for attaching said depth guide to said tool carrier assembly.

CLAIM # 14

I claim:

the method of claim # 13 wherein said depth guide further includes; a ground contact surface, and a means by which said ground contact surface is rotateable about a somewhat horizontal axis.

CLAIM # 15

I claim:

the method of claim # 14 further including a plurality of said depth guide

CLAIM # 16

I claim:

the method of claim # 1 wherein said earthworking tool is a scraper blade.

CLAIM # 17

I claim:

the method of claim # 2 wherein said earthworking tool is a scraper blade.

CLAIM # 18

I claim:

the method of claim # 1 further providing a means by which said motive source can be moved in a cyclonic or anticyclonic motion, whereby said motive source turns with a zero turning radius, thereby propelling said earthworking tool about said surface in situ with a somewhat cyclonic or anticyclonic motion.

CLAIM # 19

I claim:

the method of claim # 2 further comprising; providing a means to allow said lift arm assembly to be urged to move with a cyclonic or anticyclonic motion.

CLAIM # 20

I claim:

the method of claim # 9 further providing a means by which said motive source can be moved in a cyclonic or anticyclonic motion, whereby said motive source turns with a zero turning radius, thereby propelling said earthworking tool about said surface in situ with a somewhat cyclonic or anticyclonic motion.